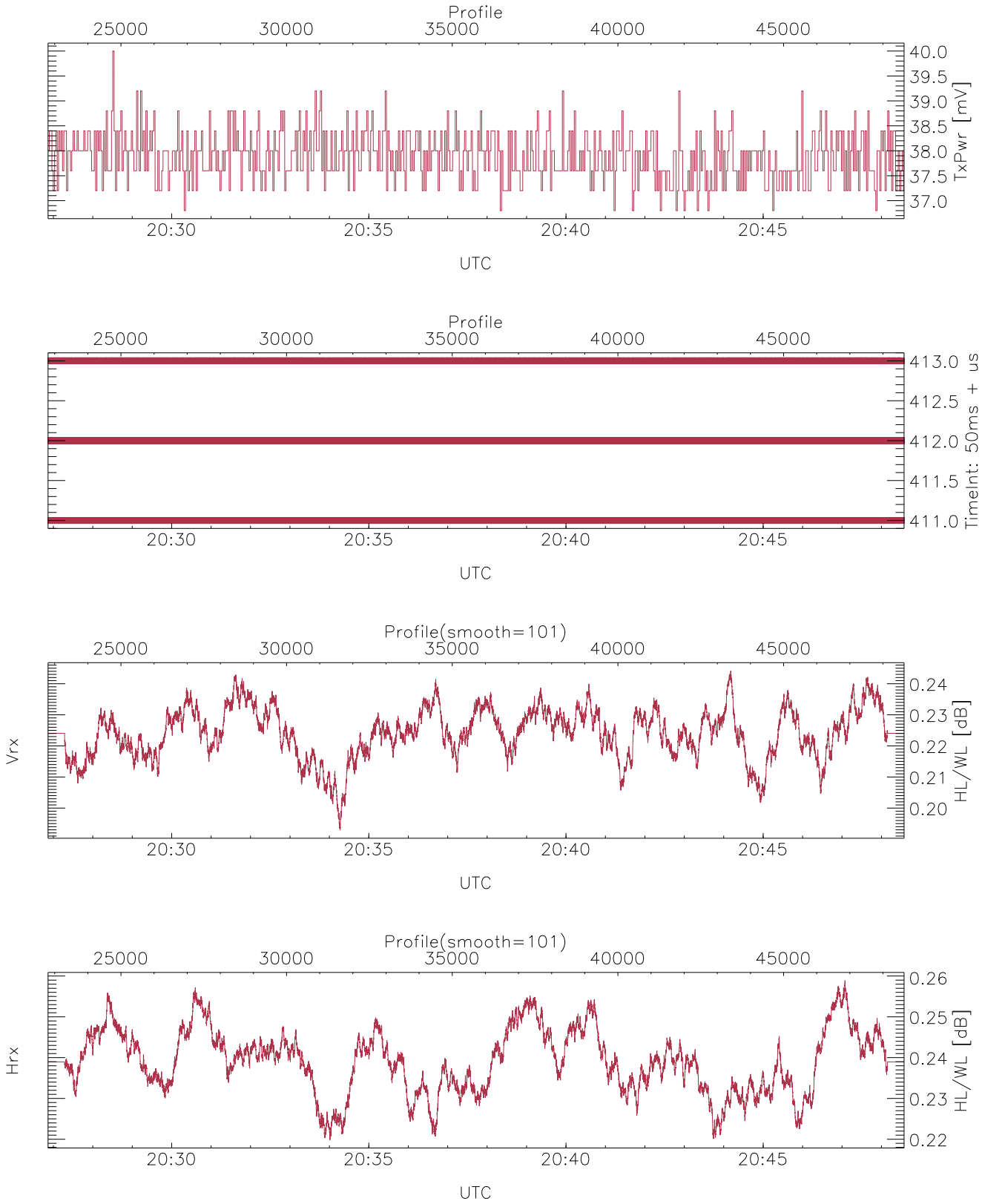
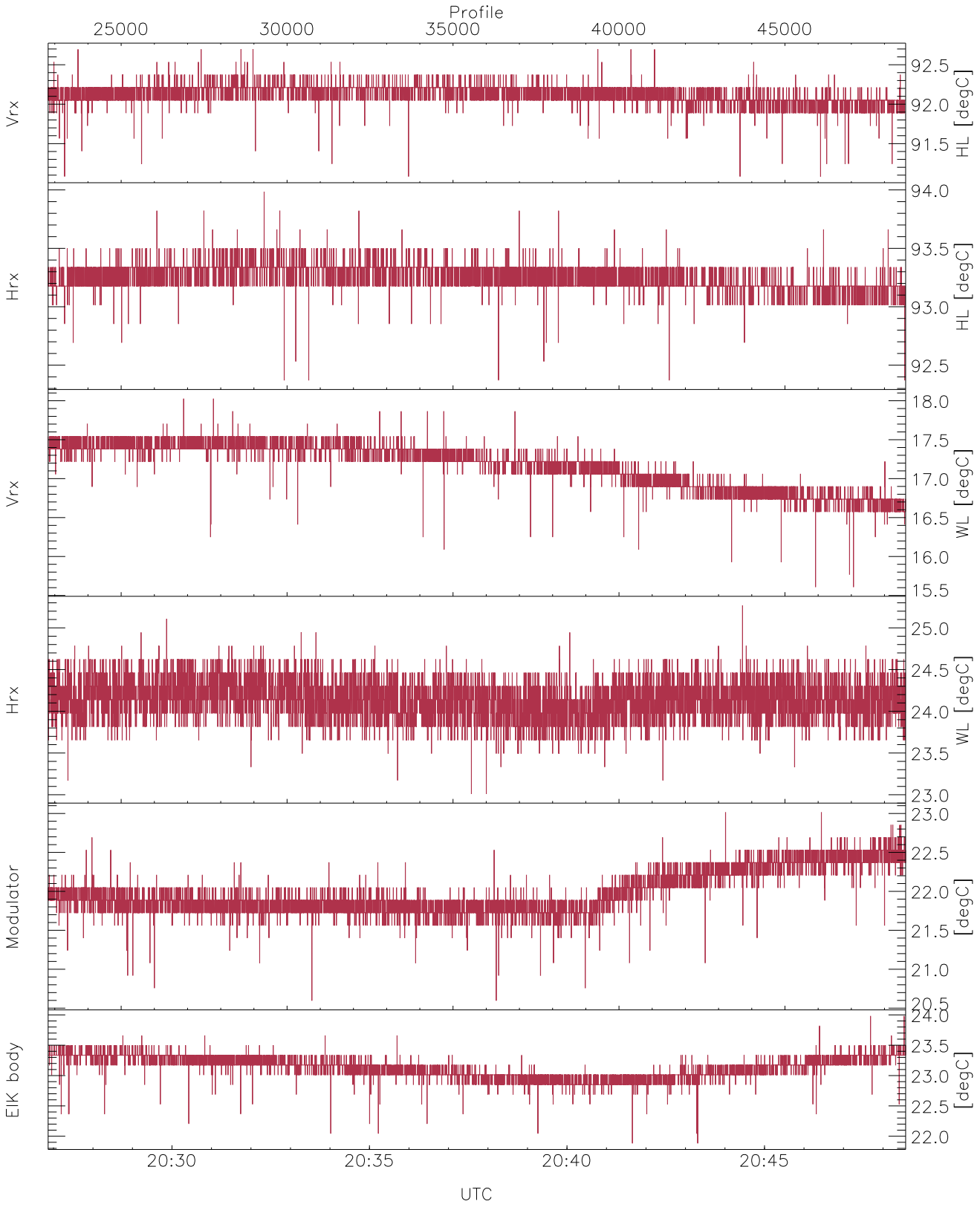


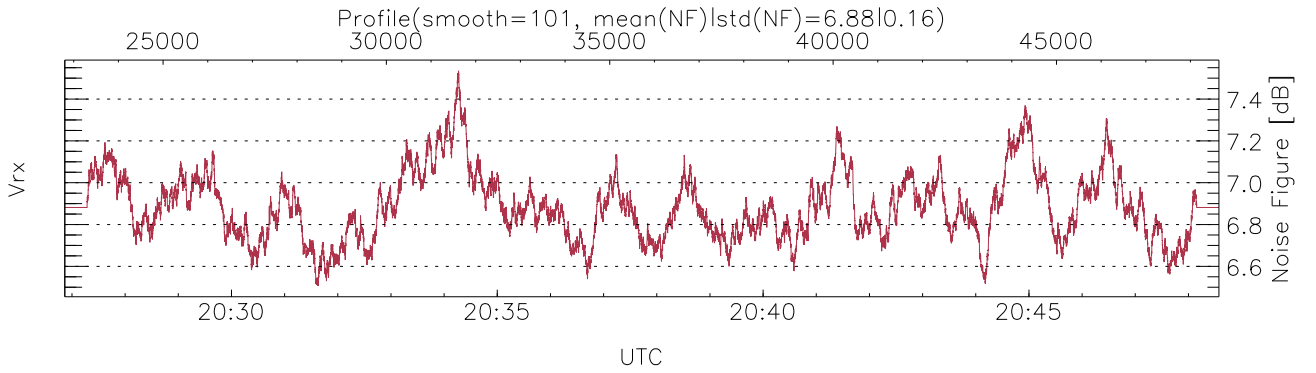
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

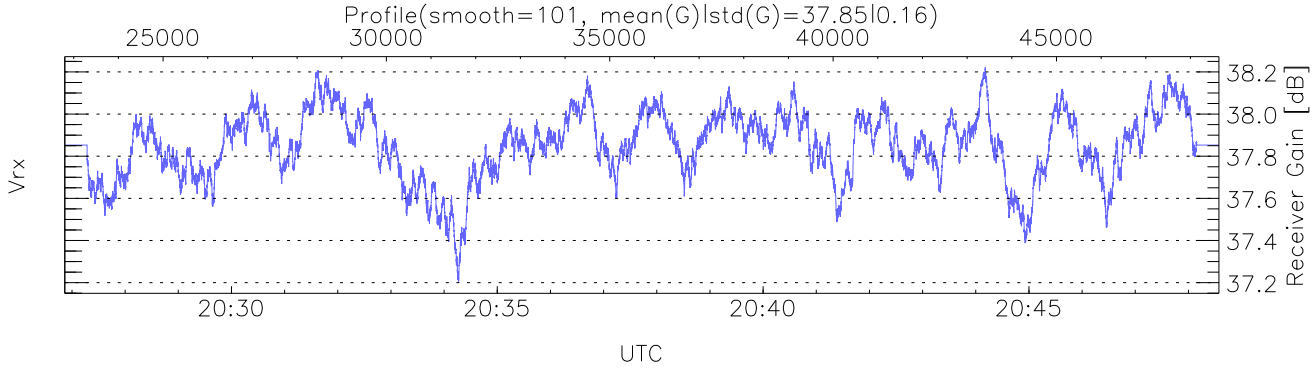
UTC: 20:07:42-20:48:34, Dur: 2451.97s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 25839/48639, 22800-48638/20:26:52-20:48:34
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

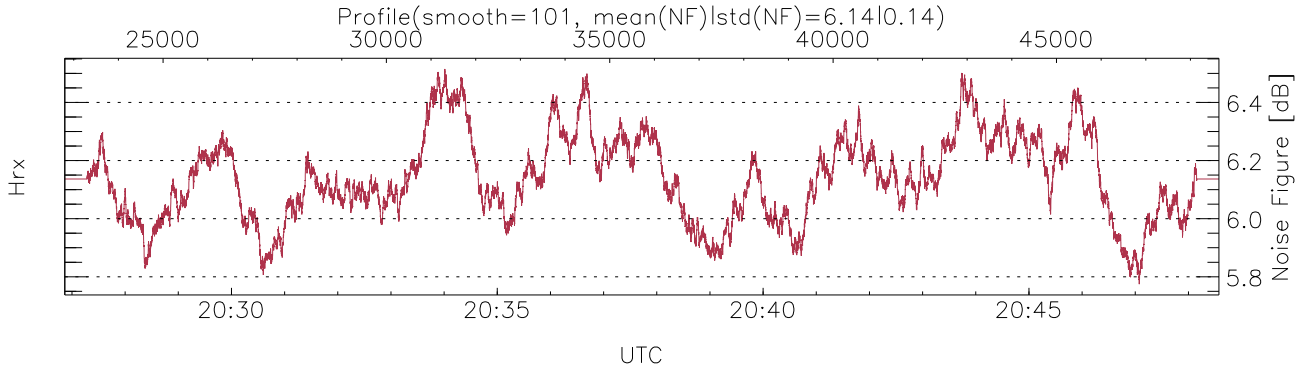


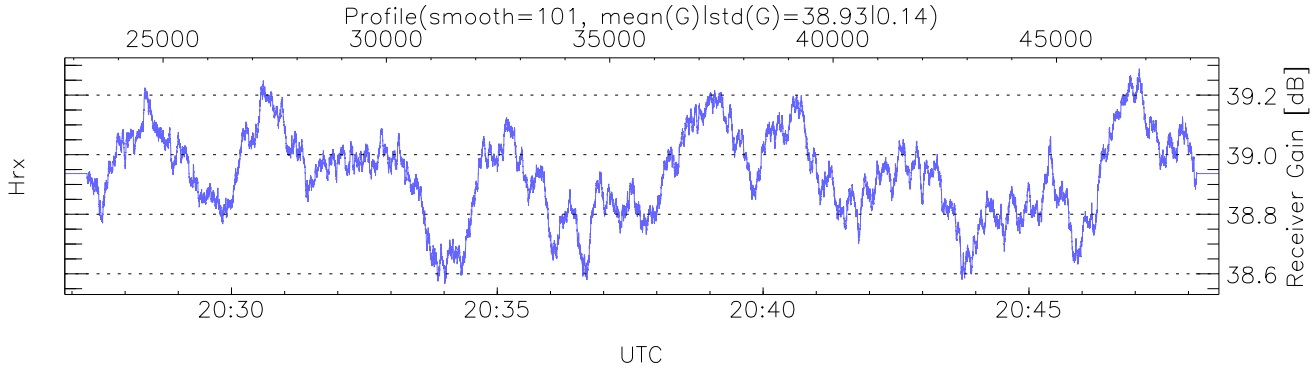
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,15,23,20,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,25,23,23
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (16,21,21,21,16,11)



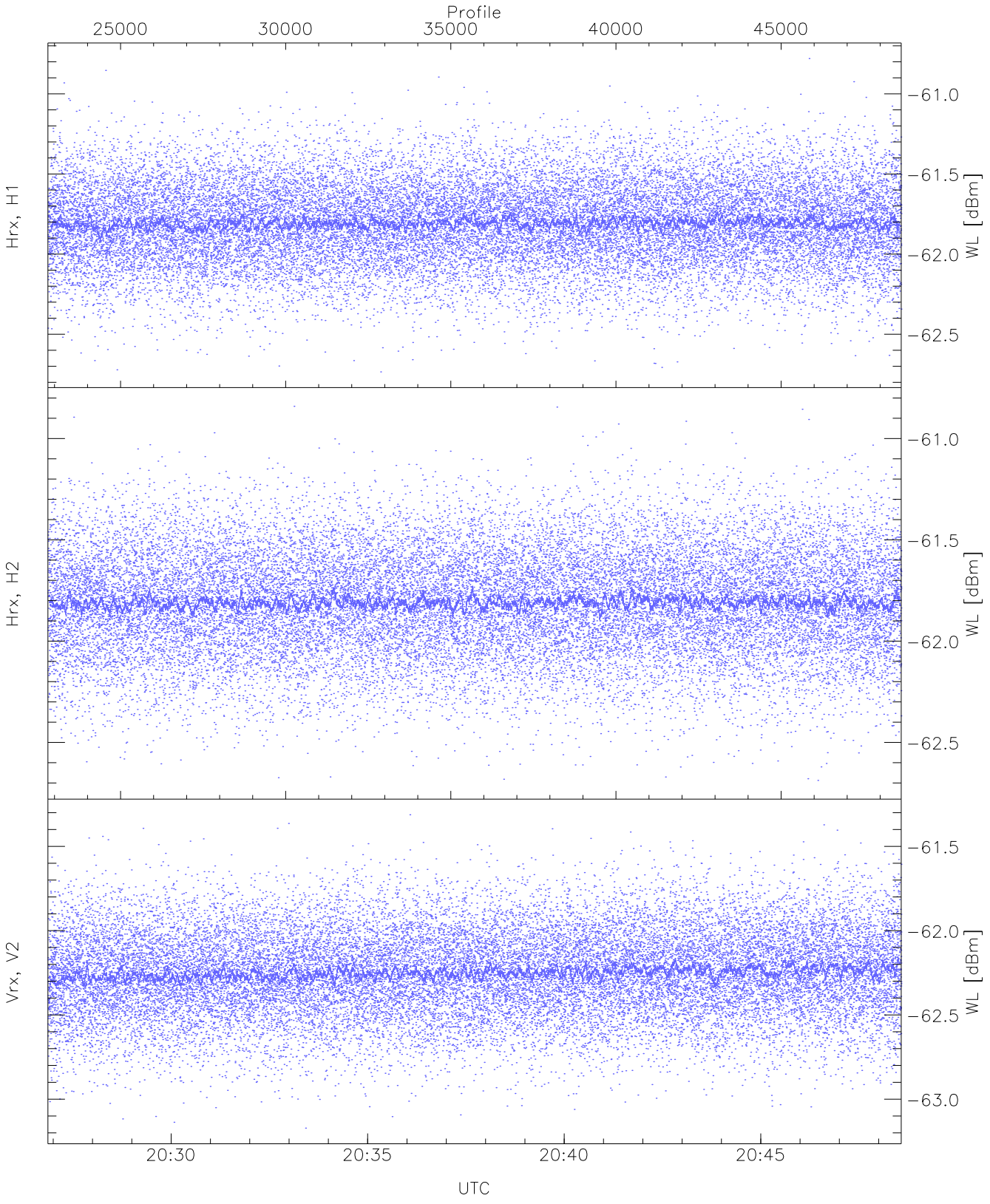






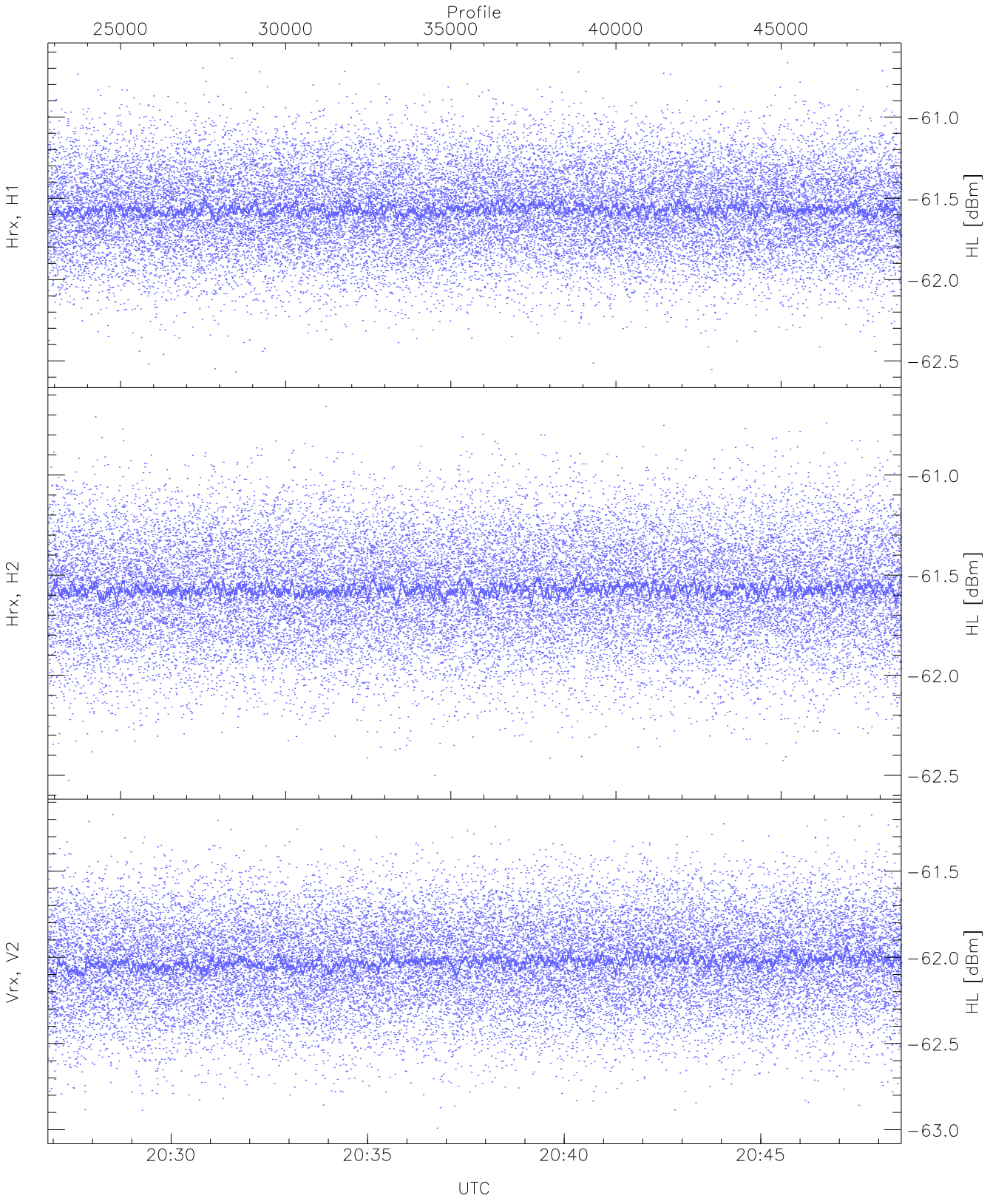
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1067 pixs, 12 gates, 1042 profs, 1 prods



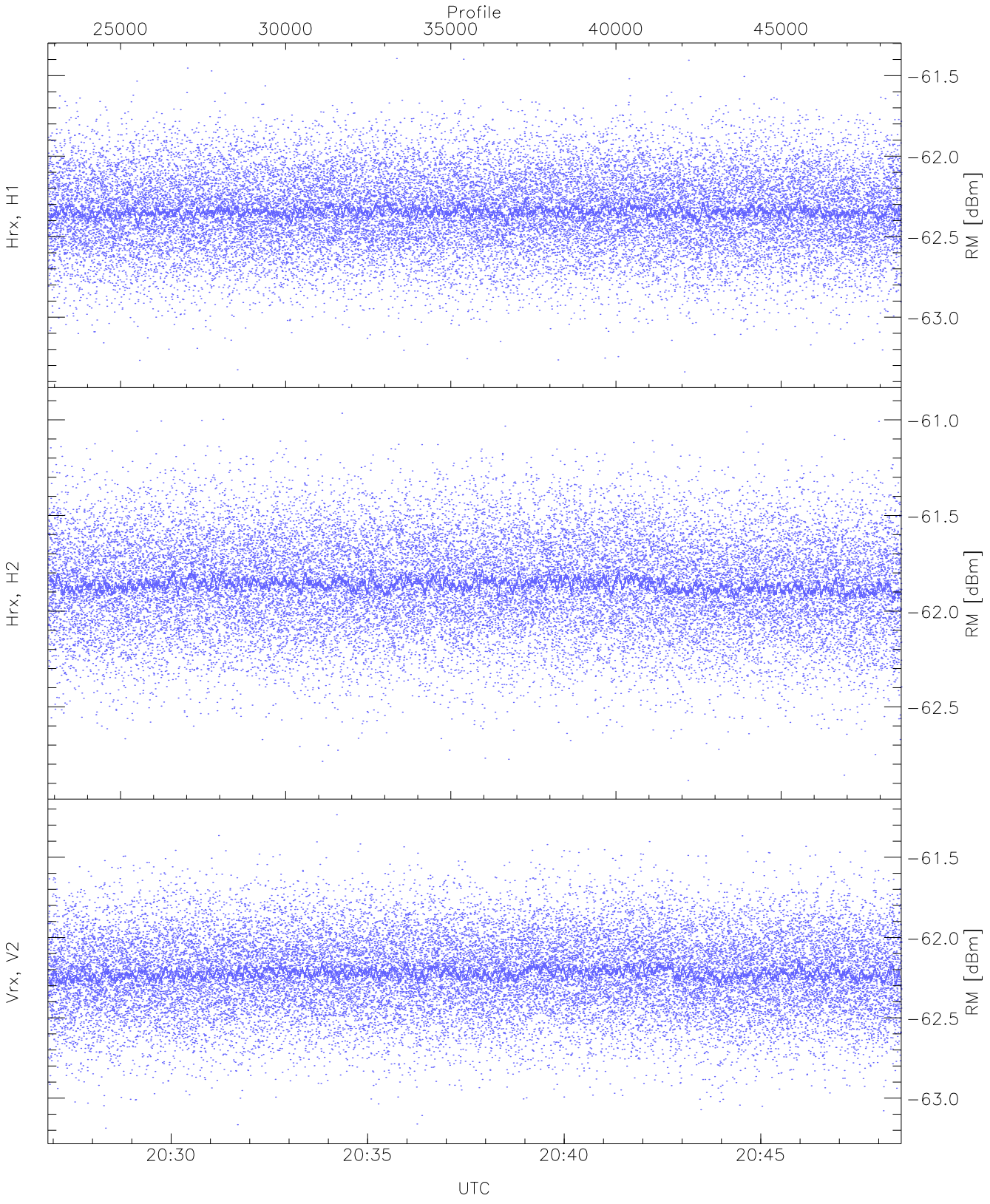
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.74	-60.78	-61.80	-61.81	-74.34
Hrx, H2(WL [dBm])	-62.69	-60.84	-61.81	-61.81	-74.35
Vrx, V2(WL [dBm])	-63.17	-61.31	-62.25	-62.25	-74.80



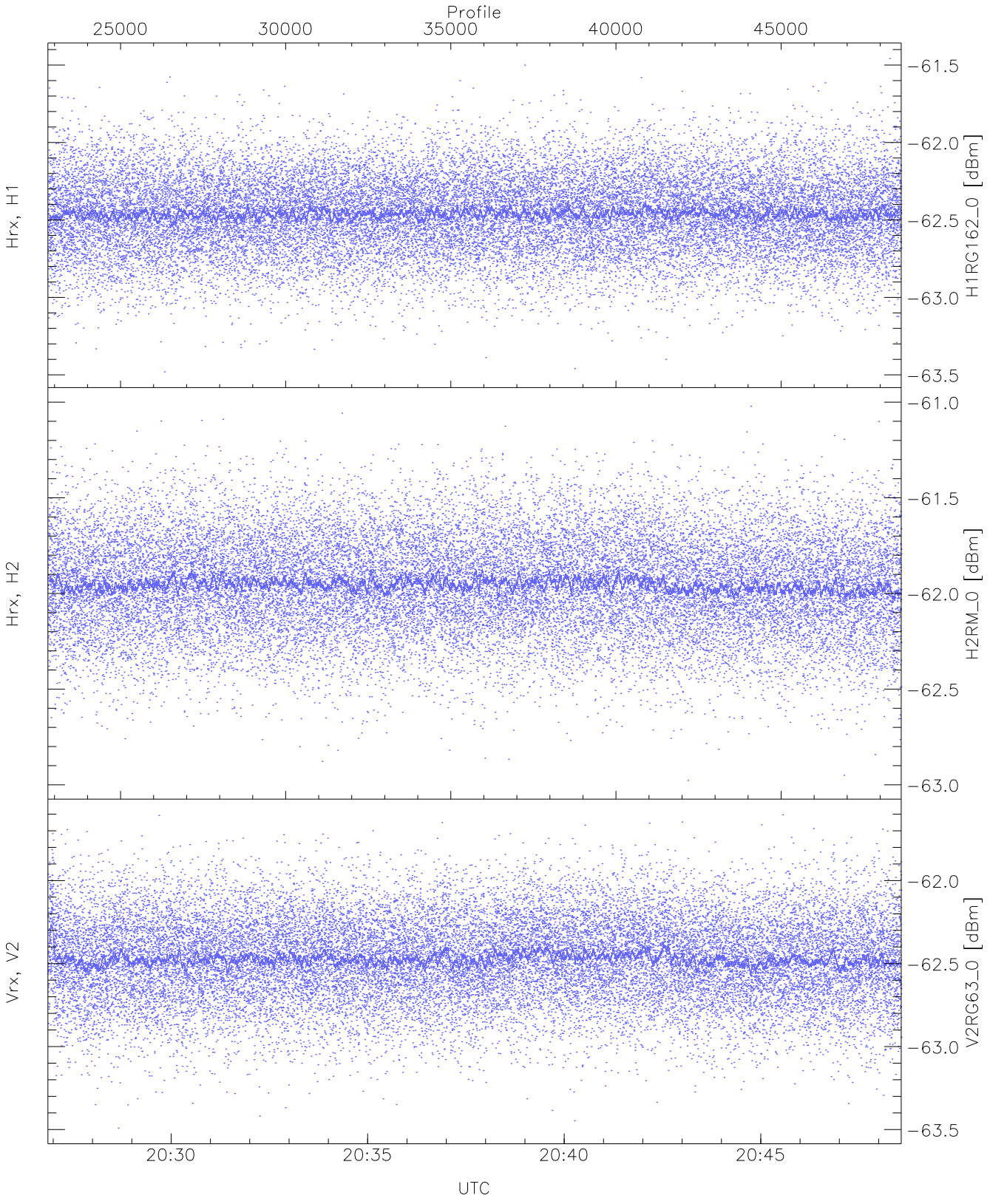
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.57	-60.64	-61.57	-61.57	-74.11
Hrx, H2(HL [dBm])	-62.53	-60.66	-61.57	-61.57	-74.14
Vrx, V2(HL [dBm])	-62.99	-61.17	-62.02	-62.03	-74.55



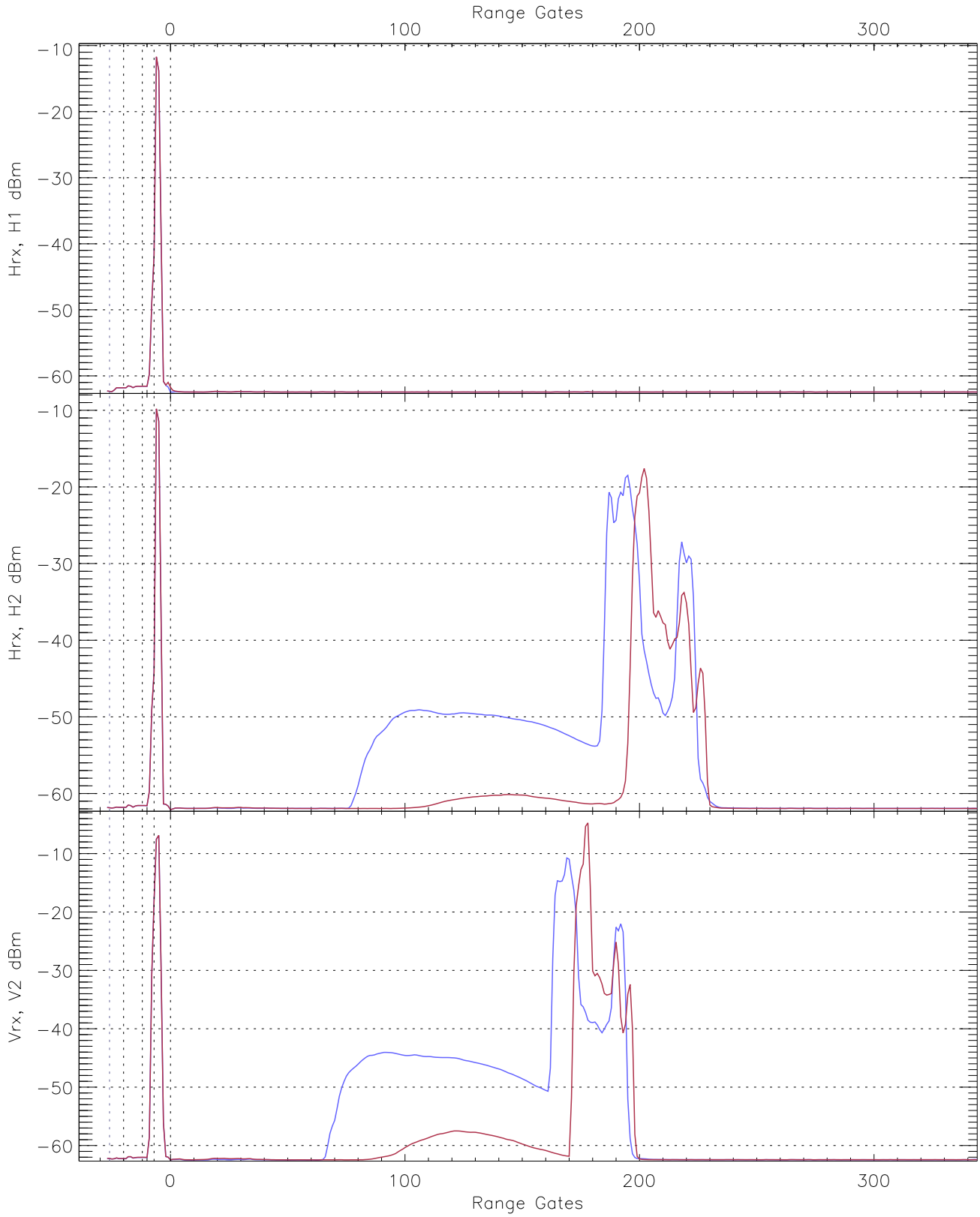
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.34	-61.39	-62.34	-62.35	-74.94
Hrx, H2(RM [dBm])	-62.88	-60.93	-61.86	-61.86	-74.41
Vrx, V2(RM [dBm])	-63.19	-61.24	-62.22	-62.22	-74.76

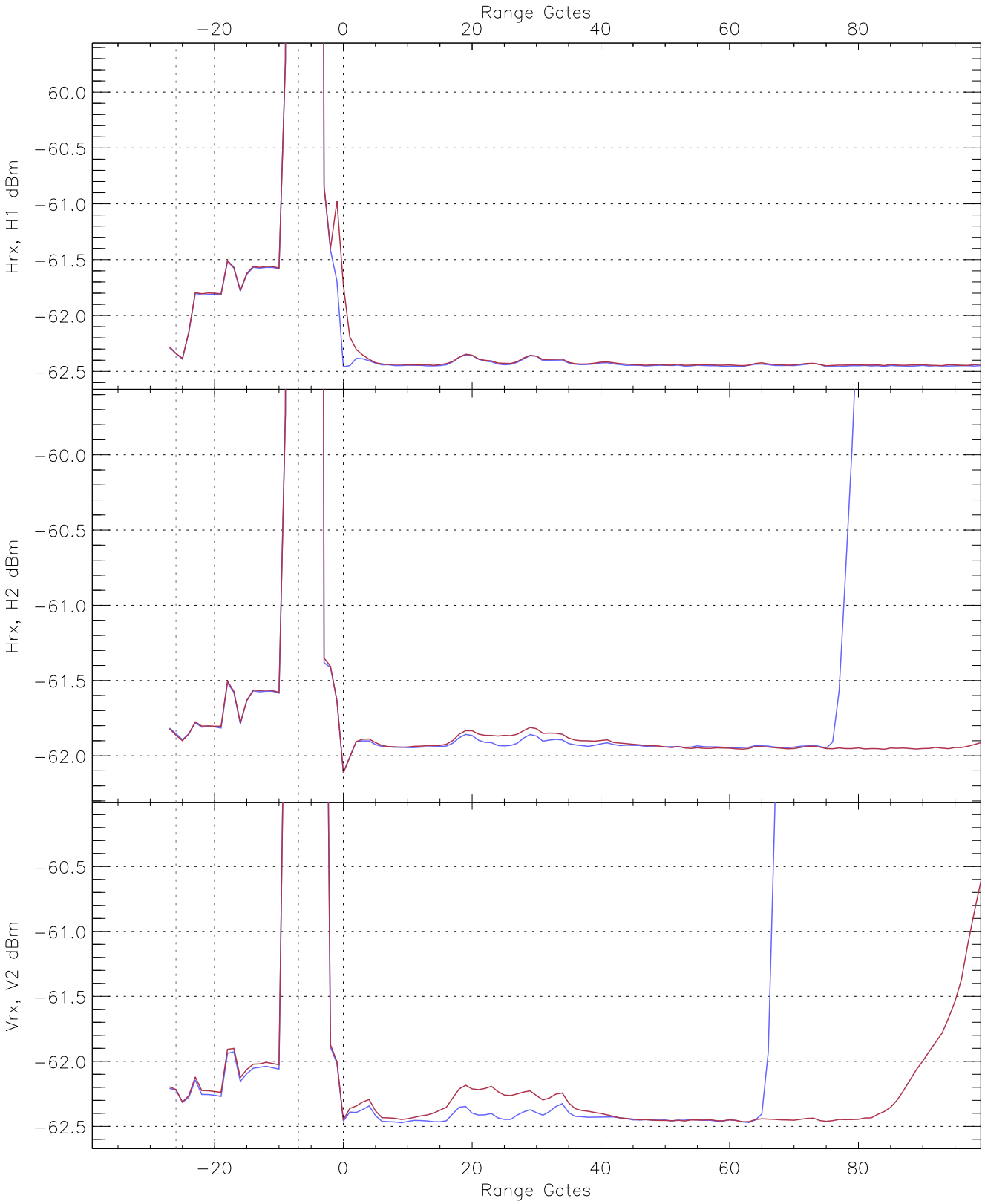


WCR2 CPP "Best" estimate Receivers Noise Power

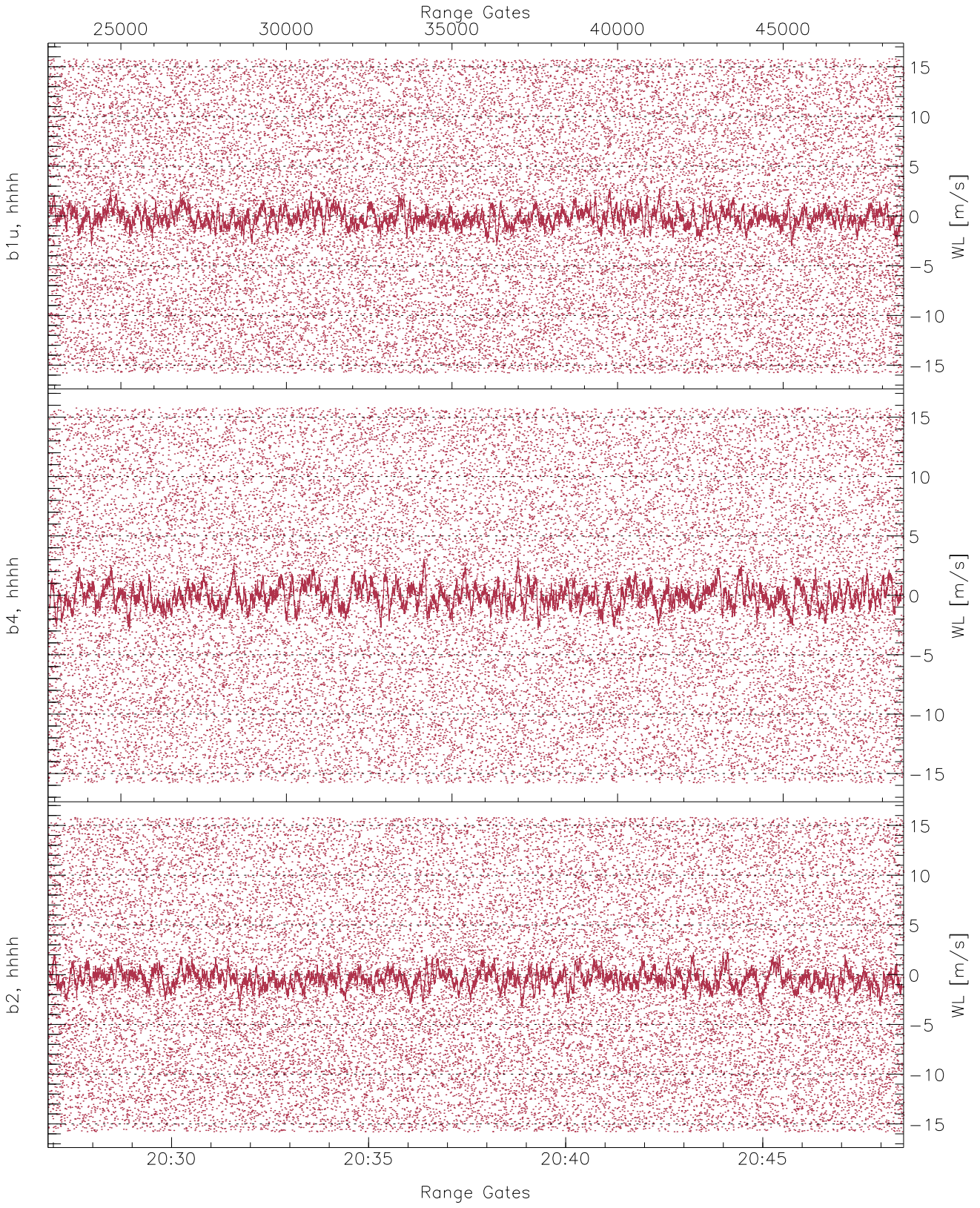
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.48	-61.46	-62.46	-62.46	-75.00
H2RM_0 [dBm]	-62.98	-61.02	-61.95	-61.96	-74.50
V2RG63_0 [dBm]	-63.49	-61.60	-62.47	-62.47	-75.00



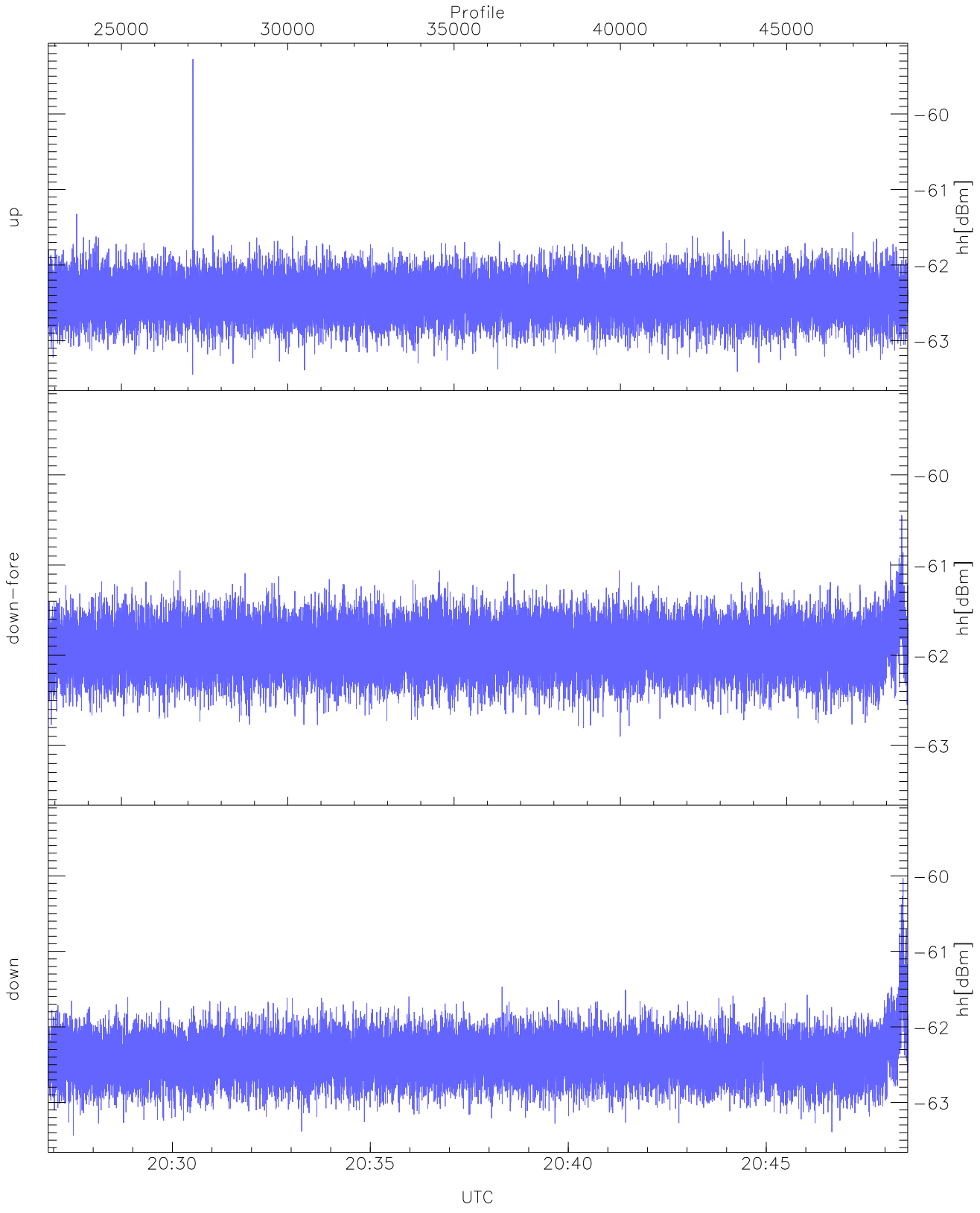
WCR2 CPP Averaged Received power for all recorded gates
blue: 202652-203743, 12920 profiles averaged
red: 203743-204834, 12920 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 202652-203743, 12920 profiles averaged
red: 203743-204834, 12920 profiles averaged

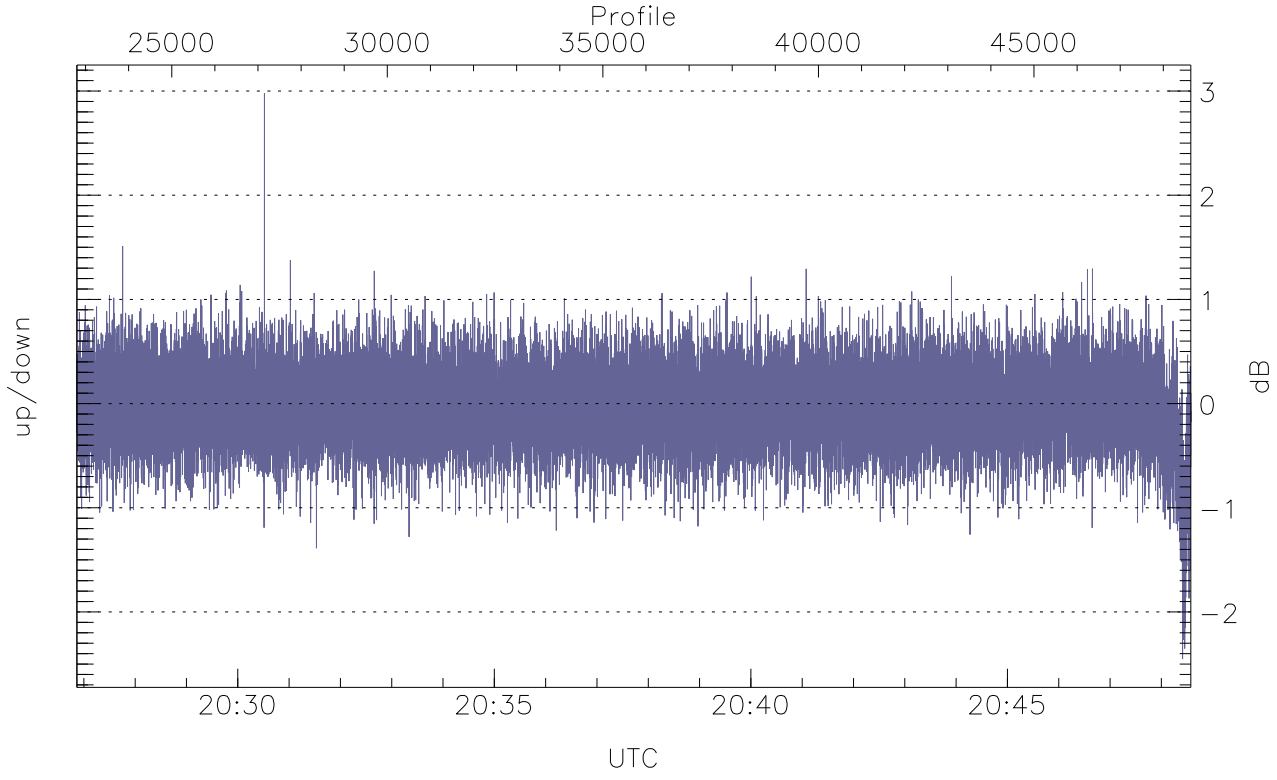


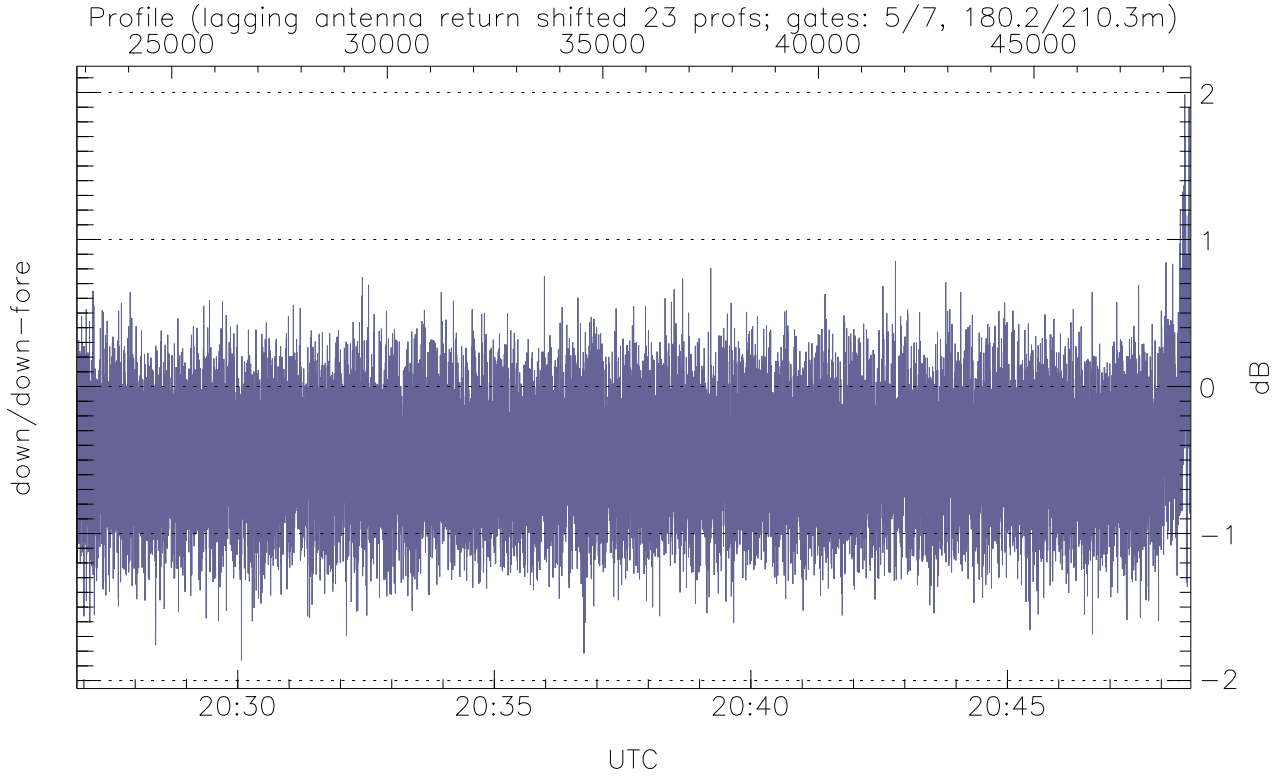
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

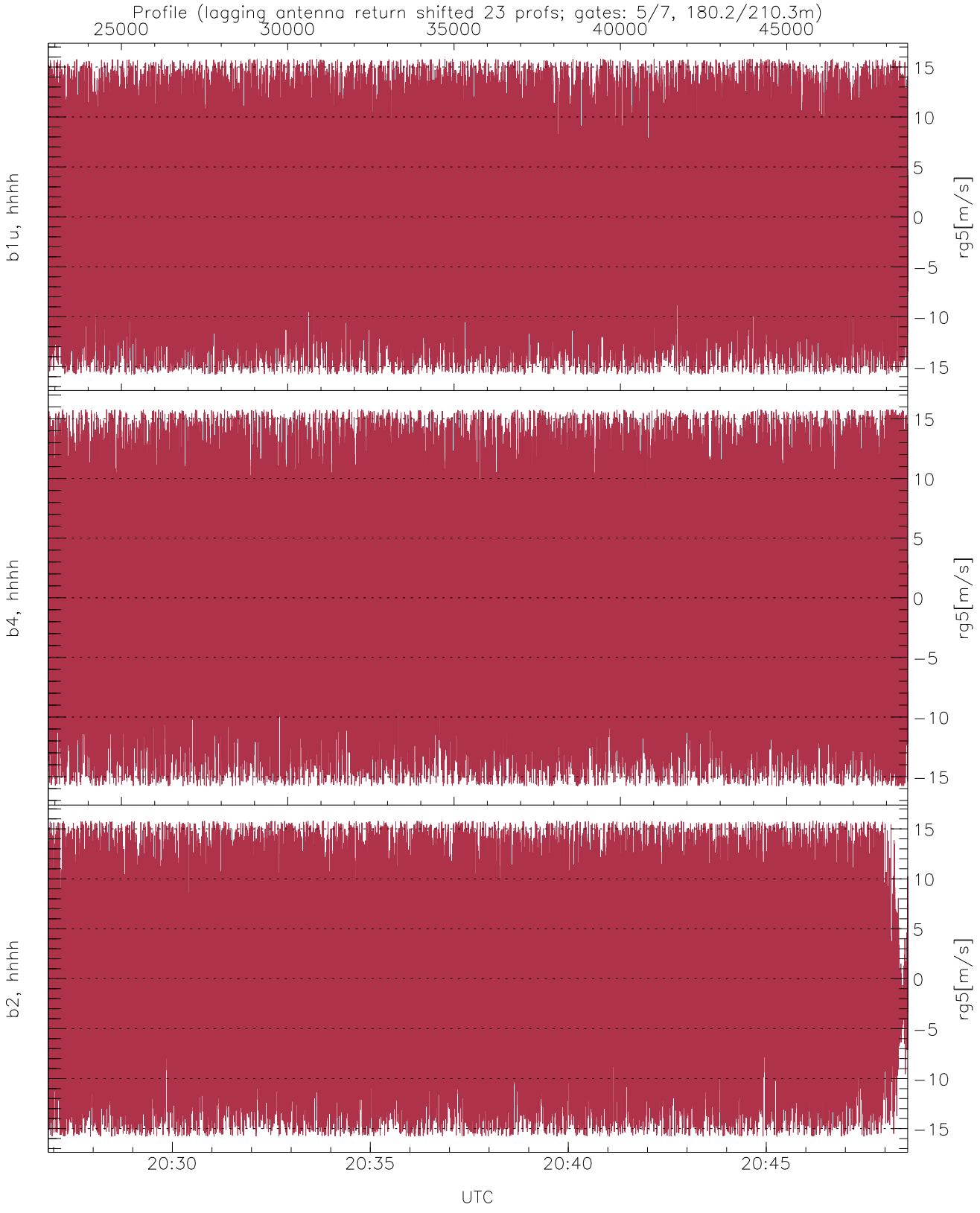
	Min	Max	Mean
up(hh[dBm])	-63.45	-59.27	-62.42
down-fore(hh[dBm])	-62.90	-60.45	-61.92
down(hh[dBm])	-63.44	-60.03	-62.40





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-2.45	2.98	-0.02
down/down-fore(dB)	-1.86	1.99	-0.46



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.20	8.98
b4, hhhh(rg5[m/s])	-15.80	15.80	0.01	9.10
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.48	8.96